Fig.1A

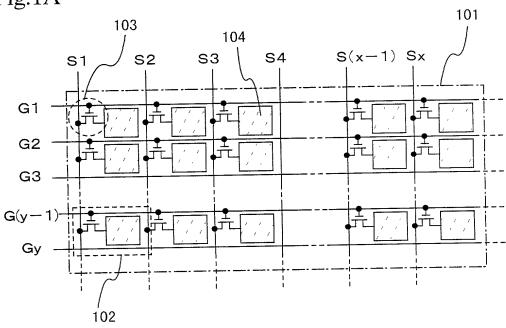


Fig.1B

| (1,1) | (1,2) | (1,3) | (1,4) | (1,5) | | (1,x) |
|--------|--------|--------|--------|----------|---|-------|
| (2,1) | (2,2) | (2,3) | (2,4) | (2,5) | | (2,x) |
| (3,1) | (3,2) | (3,3) | (3,4) | (3,5) | | (3,x) |
| | | | 1 | 3 | 1 | 1 |
| (y, 1) | (y, 2) | (y, 3) | (y, 4) | (y, 5) | | (y,x) |

Fig.2

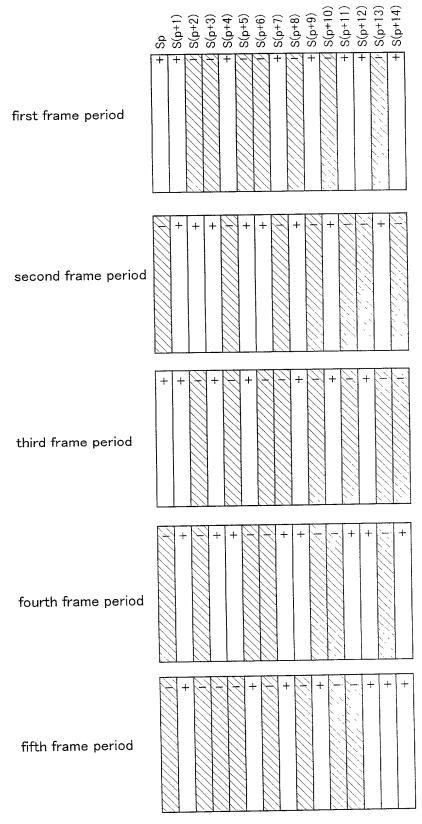


Fig.3

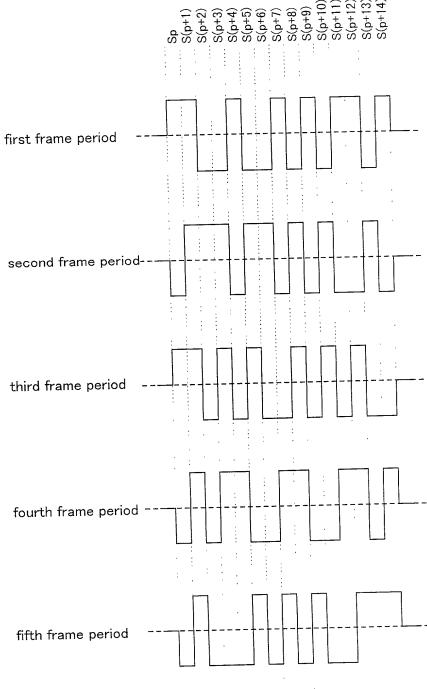


Fig.4 S(p+1) S(p+1) S(p+2) S(p+3) S(p+4) S(p+5) S(p+6) S(p+7) S(p+1) S(p+10) S(p+11) S(p+11) S(p+12) S(p+12) S(p+13) first frame period second frame pwriod third frame period fourth frame period fifth frame period

Fig.5 S(p+1) S(p+2) S(p+3) S(p+4) S(p+4) S(p+6) S(p+6) S(p+1) S(p+10) S(p+11) S(p+12) S(p+12) first frame period second frame period third frame period fourth frame period fifth frame period

Fig.6

Gq + (q+1) + (q+2) G(q+3) G(q+4) + (q+5) G(q+6) G(q+7) + (q+8) G(q+9) G(q+10) first frame period second frame period third frame period fourth frame period 第5のフレーム期間

Fig.7 S(p+1) S(p+2) S(p+3) S(p+4) S(p+4) S(p+6) S(p+6) S(p+1) S(p+10) S(p+10) S(p+11) Gq G(q+1) G(q+2) G(q+3) G(q+4) G(q+5) G(q+6) G(q+7) first frame period G(q+6) = + G(q+7) + + G(q+8) + + G(q+9) + + G(q+10) + + + + + + + + + second frame period + + +++ third frame period + + + + fourth frame period + +

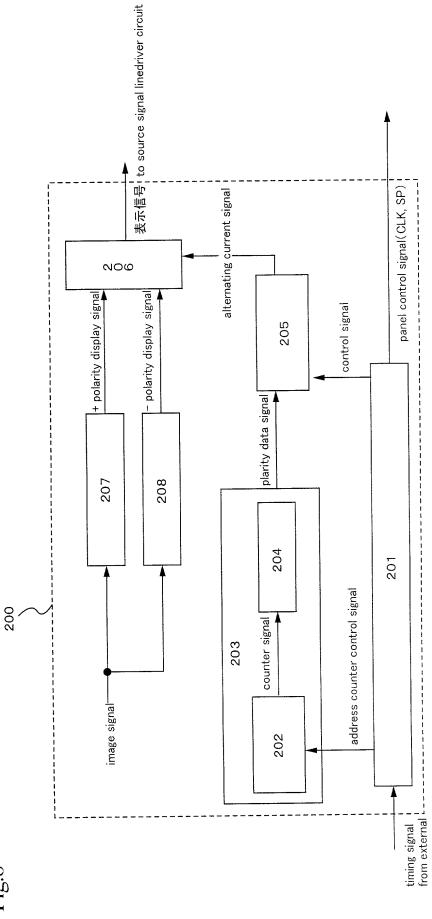
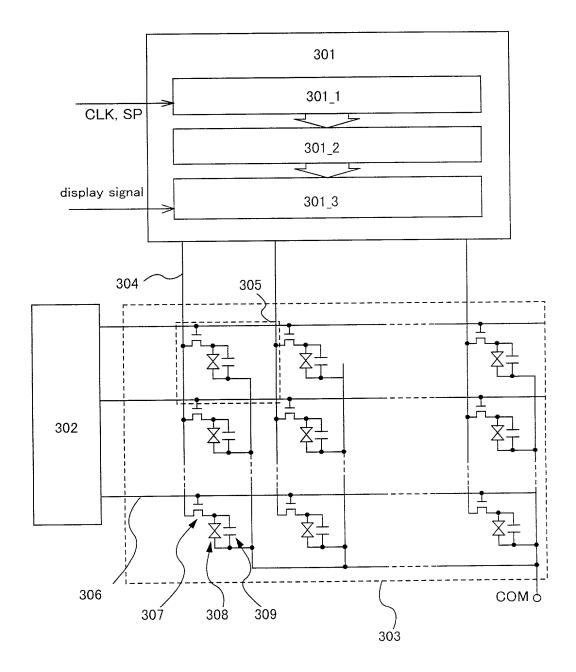


Fig.8

Fig.9



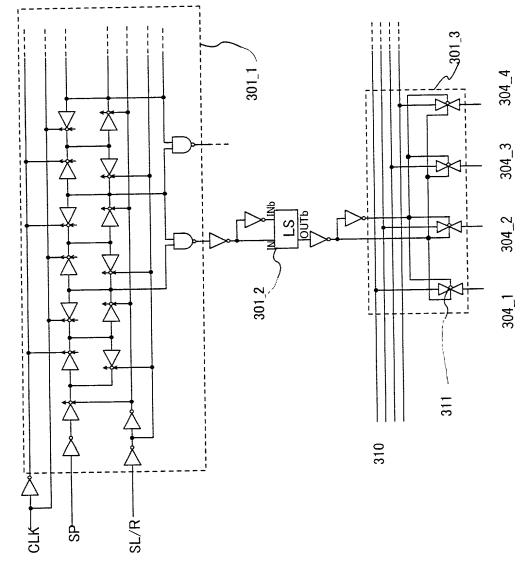


Fig. 10

Fig.11A

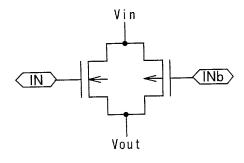


Fig.11B

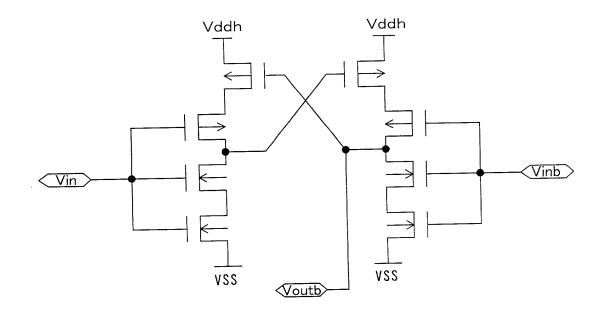
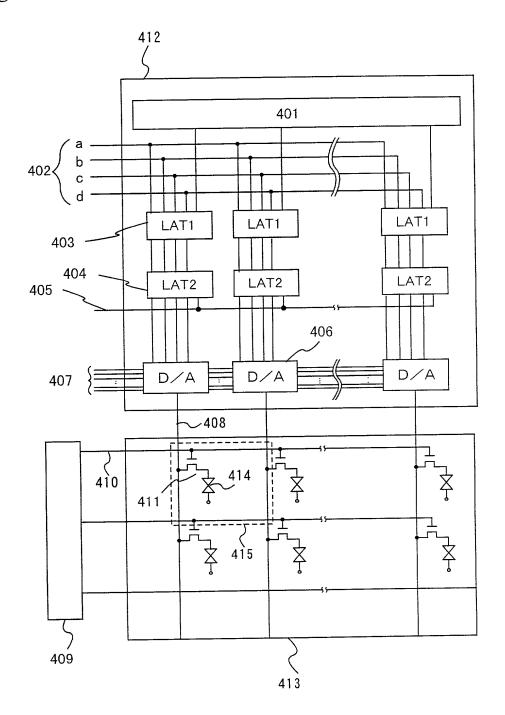
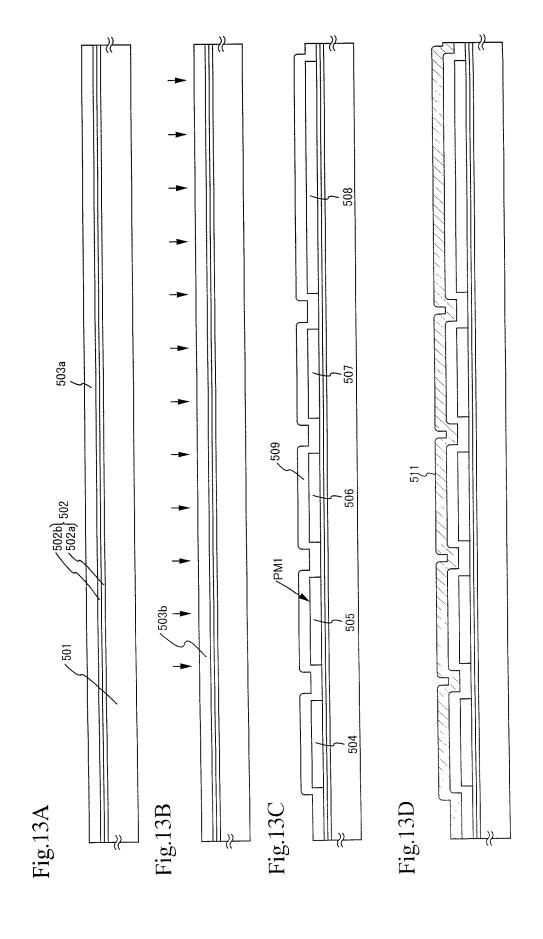
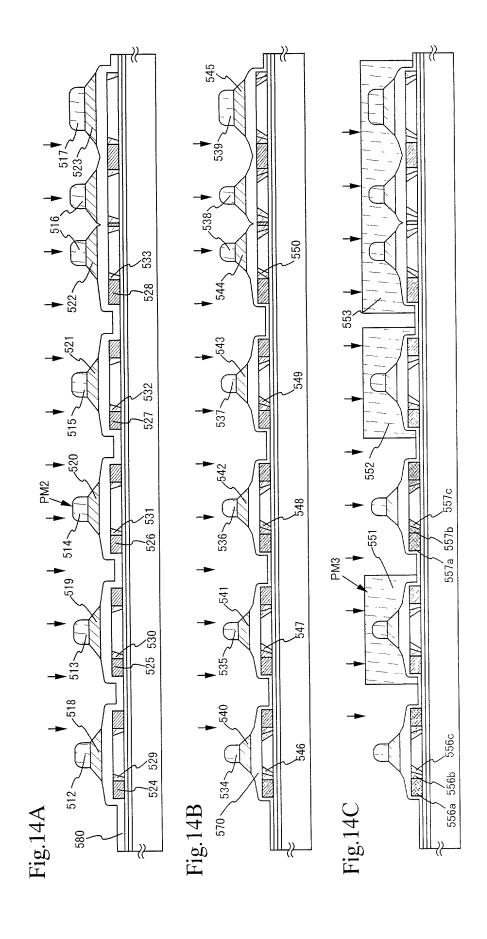
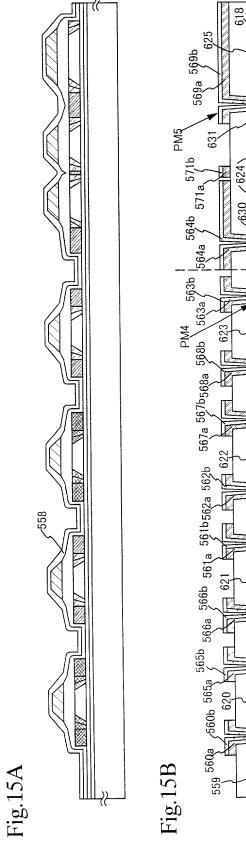


Fig.12

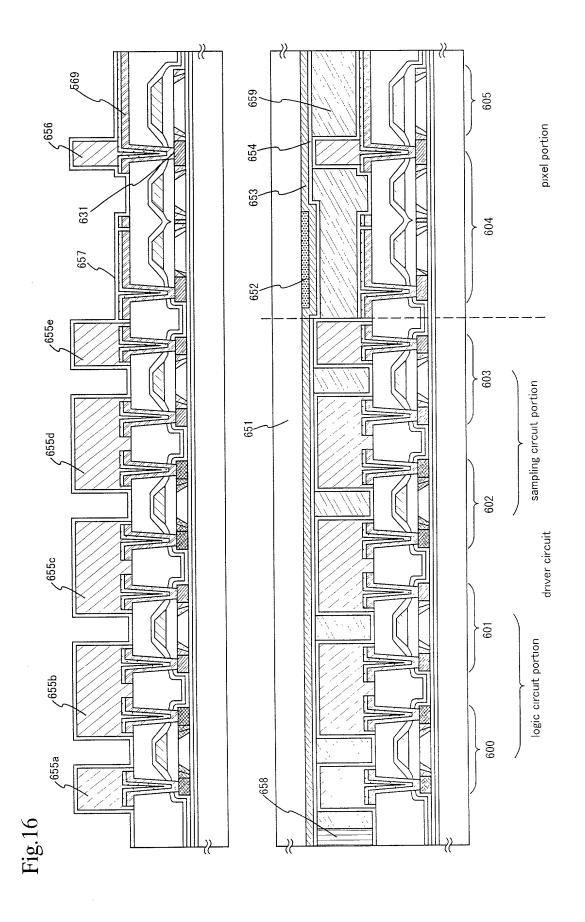


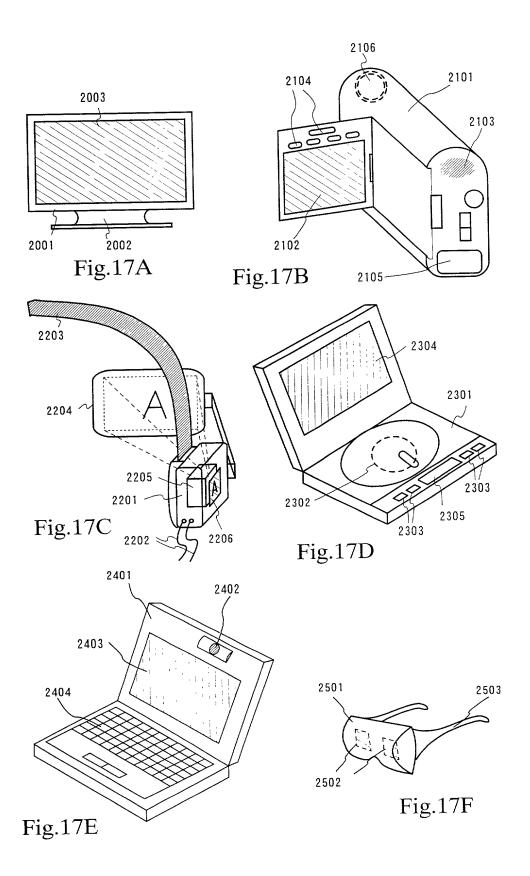






·619b 605 615c 614a 616 614b 617 619a pixel portion 604 615a (15b v 612 610 613a 613b 613c 603 sampling circuit portion 602 608 611a 611b 611c driver cırcuıt 607a 607b 607c 606 609a 609b 609c 601 logic circuit portion 009





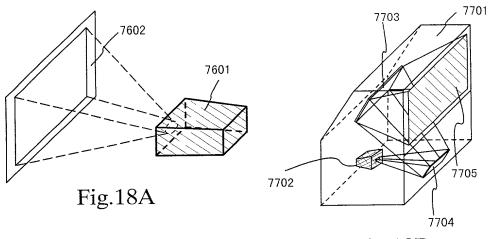


Fig.18B

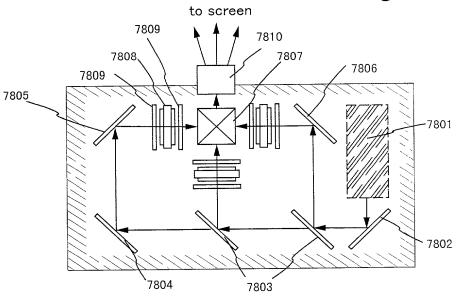


Fig.18C

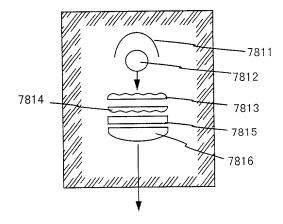


Fig.18D

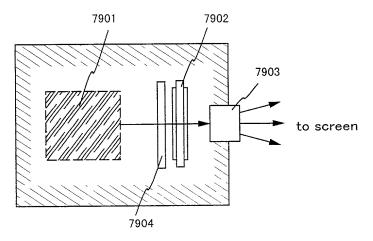
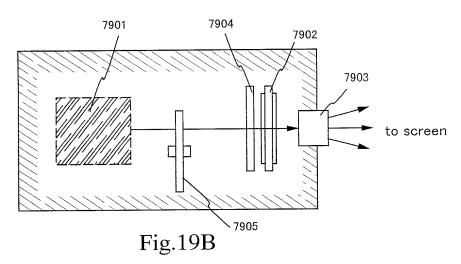


Fig.19A



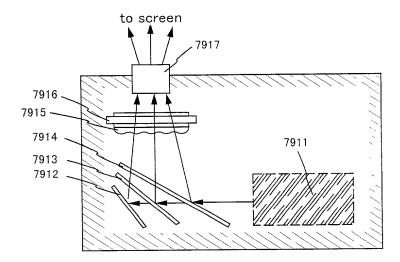


Fig.19C

Fig.20A

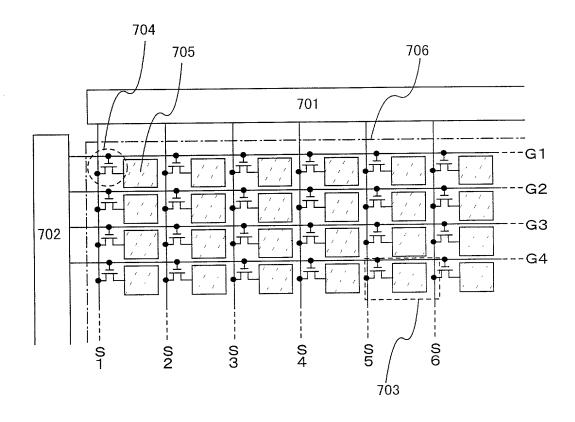


Fig.20B

| (1,1) | (1,2) | (1,3) | (1,4) | (1,5) | (1,6) |
|-------|-------|-------|-------|-------|-------|
| (2,1) | (2,2) | (2,3) | (2,4) | (2,5) | (2,6) |
| (3,1) | (3,2) | (3,3) | (3,4) | (3,5) | (3,6) |
| (4,1) | (4,2) | (4,3) | (4,4) | (4,5) | (4,6) |

Fig.21A

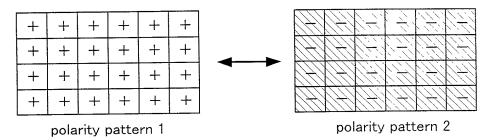


Fig.21B

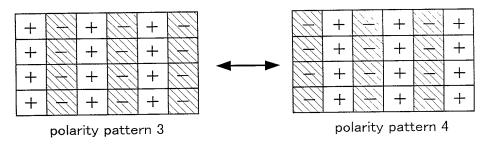


Fig.21C

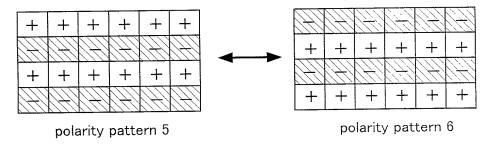


Fig.21D

